



## ROCK MAKER® Release Notes

Last Updated: January 10, 2024

### Version 4.6 Hotfix 2

January 10, 2024

#### Fixed:

- (*Experiment Page*) The undisplayed imager system's name in the **Plate Info** tab of the **Info** panel.
- An error when deleting a folder containing an imaged experiment.
- An error when deleting a seed folder.
- The oversized service log file.
- The **Navigator** panel not spanning to the bottom of the window.
- (*Settings Menu*) The **Group Member** table not fitting its section in the **Administrative Setup** submenu.
- The rolling-back issue upon software upgrade failure.
- An incorrect behavior allowing the system to progress to the next installation step although username and password are incorrect.
- The unupdated experiment name upon changes in freshly installed software.
- (*Setup Menu*) The invalid **Hours** value in the **Schedule Details** section of the **Imaging** submenu.
- The **RockMaker Service** not starting automatically upon software update cancellation.
- An error when merging ingredient stocks.
- An error when optimizing an experiment.
- The unaligned header and ingredient name in the **Conflict Ingredients** section.
- An incorrect behavior allowing deletion of an existing ingredient type when importing an ingredient.
- An incorrect behavior allowing the system to save an ingredient with a duplicate CAS number.
- An incorrect behavior allowing the system to save an ingredient with duplicate aliases.
- A truncated image in the **Focus Level** thumbnail with a 1:1 image ratio.
- The truncated design report image of a 24-well plate experiment.
- (*The Synchrotron Trip Info Submenu*) The unupdated **Crystal Name** in the **Assigned Crystal** section upon updating the **Crystal Name** field in the **Crystal Preview** dialog box.
- The undisplayed notification message upon plate type creation or edit.
- Missing information in an error tooltip of an invalid default volume in the **Plate Types** submenu.
- The undisplayed error message in an experiment with a default drop volume greater than the maximum drop volume.
- The same display of the editable and uneditable fields in the **Plate Types** submenu of the **Setup** menu.

- The displayed **New Search and Filter** item created in the desktop software.
- The displayed hits scores of all inspections on the main page.
- (*Setup Menu*) An incorrect behavior allowing users to define hotkeys with more than one character in the **Well Score Configuration** section of the **General** submenu.
- The undisplayed pH of a buffer ingredient in the **Standard Ingredient** section when creating a protein formulation.
- An unnecessary confirmation message when leaving any saved pages.
- (*Experiment Page*) The hotkey navigating through tabs in the **Info** panel when navigating through drops in the **Drops** menu.
- (*Experiment Page*) The unordered stocks in the **Required Stock** tab of the **Info** panel.
- The system opening an already opened experiment in a new tab when accessing it from the **Recently Opened** section.
- The unapplied system property from **User Preferences** to **Canvas** properties in an experiment.
- An error when exporting ingredients to a Text or XML file.
- An error when opening an experiment with a plate disabled from the **Plate Types** submenu.
- A confirmation message appearing whenever refreshing a page.
- (*Experiment Page*) The enabled **Synchrotron Trip** report option in an experiment with no crystal assigned to a synchrotron trip.
- (*Experiment Page*) The displayed image tool icons in the **Navigator** panel although no image tools were applied.
- The malfunctioning keyboard hotkeys for the non-default score group.
- (*Experiment Page*) An error when using **Annotation** in the **Tools** panel.
- A crystal getting unassigned from a synchrotron trip when moving to the next drop.
- An error when deleting a screen file.
- The hits report displaying all available hits instead of the hits of the latest inspection selected.
- The unaligned checkboxes and values in the **Screen Experiment Wizard**.
- An error when creating an ingredient with duplicate long and short names.
- An error when renaming a crystal in the **Crystal Definition** dialog box.
- A failure to upgrade a large database.

## Version 4.6 Hotfix 1

November 17, 2023

### Added:

- The **Help** menu on the main page.

**Improved:**

- The ability to generate a synchrotron trip report from the experiment page.

**Fixed:**

- The undisplayed score group name in the **Score Group** tab of the **Score** panel.
- The displayed deletion pop-up message when copying and pasting an item.
- The different plate type displayed in the **Info** menu of the experiment page when opening an experiment using an **LCP** plate.
- A failure to modify crystals by clicking on the crystal mask.
- The inactive ingredient stocks displayed in the experiment design.
- The misplaced tooltip position when hovering over a well.
- The undisplayed tooltips when hovering over the buttons in the **Slide Show** window.
- The invalid number of hits displayed on the main page.
- The undisplayed auto scores in the **Drop** menu of the experiment page.
- The experiments with no hits displayed in the **Hits Image** section of the main page.
- An issue where the **Slide Show** panel is not opened on the same menu as the experiment.
- The missing **Image Tools** in the drop images when switching to another menu on the experiment page.
- The editable **Long Name** field of an in-use ingredient.
- The malfunctioning up and down keyboard arrow keys in the **Drop** menu of the experiment page.
- The unmodifiable **Enabled** column in the **Plate Definition** section.
- An error when selecting a parameter in the **Sort By** field of the **Find Drops** feature.
- The navigable drop images when opening the **Enter Text** dialog box to add an annotation.
- The **Buffer** stocks marked as **Non-Buffer** in the **Edit Ingredient** panel of the experiment design.
- The undisplayed pH of the buffer ingredients with an interpolated calculation in the **Design** submenu.
- The interpolated buffer ingredients not using the mixed concentration.
- The incorrect hit number on the main page.
- The unrounded pH values displayed when hovering over a well in the **Design** submenu.
- The unmatched ingredient type between the selected ingredient stock and the **Type** field in the **Edit Ingredient** panel.
- An error when selecting **Add a layer to an existing experiment** in the **Optimization Wizard**.
- The undisplayed manual scores in the **Drop** menu.
- The unhighlighted selected drop image in the **Well** menu.
- The software update notification when opening the **Explore** menu.
- The disabled **Web Help** button on the main page.
- The multiple-plate experiment not optimized as a single-plate experiment.
- The experiment unmarked as hits displayed in the **Hits Image** section of the main page.

- An error when cutting and pasting a file to another node directory.
- An error when saving an experiment with an imported XML file.
- The undisplayed drop image in the seed defined in a drop other than drop 1.

## Version 4.6 BETA

October 23, 2023

### Changed:

- The database backup name format following ROCK MAKER desktop software.
- The user interface texts for auto scoring models.

### Fixed:

- The unupdated images in the **Canvas** menu during the imaging process.
- The session from the concurrent session table on logout did not get terminated in ROCK MAKER with Concurrent License.
- The excluded well ingredient information in the experiment report.
- The upgradeable software with an expired license.
- The errors when selecting or deleting many ROI drawings.
- The **Print Barcode** not printing all experiment barcodes in a batchload experiment.
- The multiple tooltips displayed when hovering over a score in the **Well**, **Drop**, and **Compare** menus.
- The undisplayed additional screen lot barcodes in the side panel of the **Explore** menu.
- An error when opening a screen lot from the side panel in the **Explore** menu.
- The nonfunctioning print barcode button in the screen lot section of the **Info** menu.
- An error when logging in using a terminated session in the ROCK MAKER with Concurrent License.
- The undisplayed harvested crystal in the **Crystal Preview** side panel of the **Projects** node.
- (*Setup Menu*) The unordered scores in the **Well Score Configuration** section of the **General** submenu.
- An error when opening an imaged and scored experiment.
- The **Crystal Definition** dialog box not automatically closed upon saving changes.
- (*Synchrotron Trip Page*) The unselected **No Result** button by default in the **Synchrotron Trip Results** tab upon marking **Collected**.
- The unmatched synchrotron trip result status between the software and the CSV file.
- The invalidated synchrotron trip result status when importing the synchrotron trip CSV file with a status of more than 2.

- An error in ROCK MAKER Plate Viewer Edition when saving an experiment upon copying and pasting layers.
- The editable layers in ROCK MAKER Plate Viewer Edition.
- The displayed **Stop** fields when the **Vary Along** fields are set to **None**.
- The lengthy time needed for the **Drop** menu to display images after switching from the **Canvas** menu.
- The flickering images when selecting checkboxes in the **Focus Level** panel.
- The unmatched screen ingredient alias between the software and the XML file.
- An error when terminating a session in ROCK MAKER desktop with Concurrent License.
- The XML screen file unable to be exported to a Dragonfly instrument.
- The unmatched ingredient well volume in the original and optimized experiments.
- The system allowing experiment optimization although the original custom or screen layer experiment has no precipitant ingredient.
- The slow software performance when navigating through images in the **Compare** menu.
- The failure to run the same version upgrade.
- The issues related to user interfaces in the previous version.
- An error during a manual image scoring.
- The optimized experiment's target directory not following the original experiment's current directory.
- The reset breadcrumb when opening the content of a node.

#### Removed:

- The **Analyze** menu in the regular user account.
- (*Harvesting Panel*) The increment and decrement buttons in the **pH** column of the **Cryoprotectant** tab.